

PARTS MANUAL

# INVERTER GENERATOR

P1700i



Cummins Onan

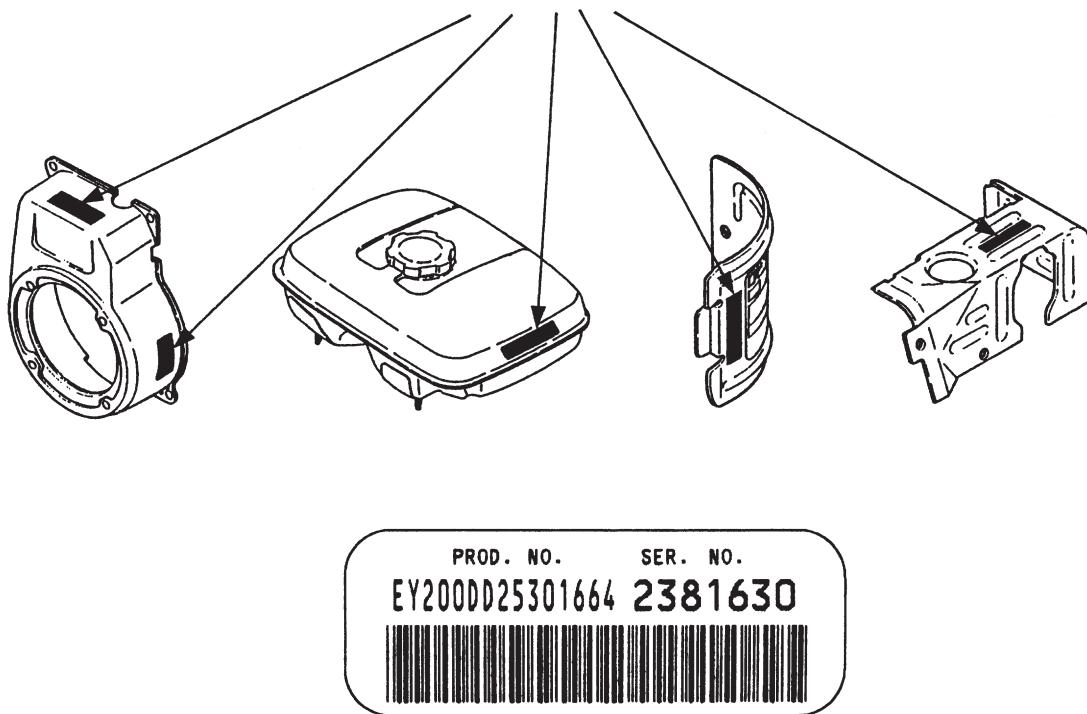


## HOW TO USE THIS MANUAL

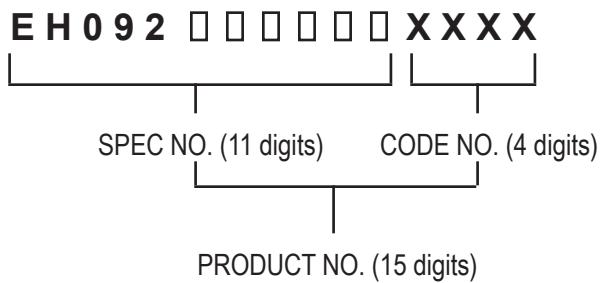
Cummins Onan engines are identified by MODEL, SPECIFICATION, and CODE NUMBER. For each model there may be many different versions called specifications. Each specification will be unique in some way. The difference may only be the paint color or it may have a different type of PTO or some other significant difference.

In order to identify the correct service part number, it is important to confirm the specification and code numbers for your engine. The specification and code number together are known as the PRODUCT NUMBER.

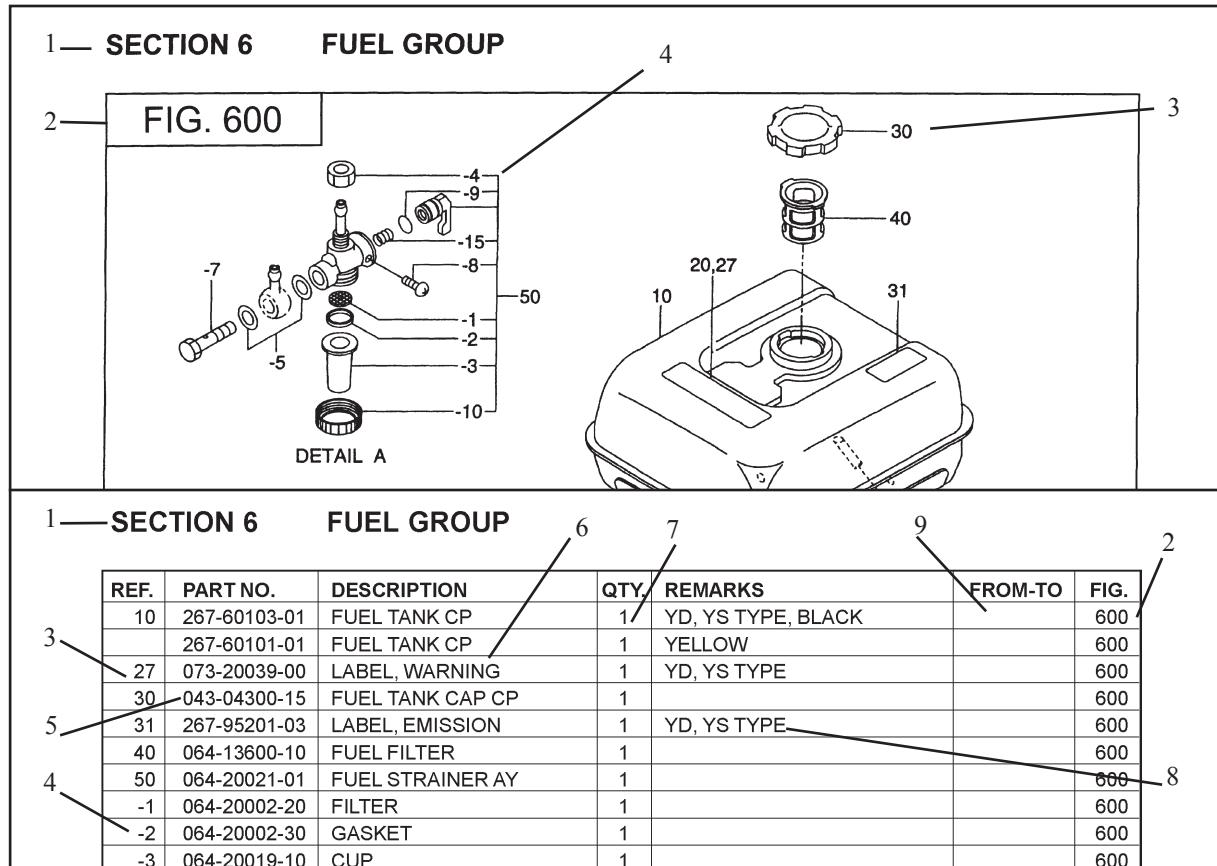
All Cummins Onan 4 cycle engines have a Product Number label similar to the label illustrated below.



The Product Number Label has a 15 digit alphanumeric string that consists of the SPECIFICATION (SPEC) number (11 digits) and the CODE number (4 digits). Please note the illustration below:



# MANUAL LAYOUT



1. SECTION NAME      Parts are broadly classified according to their functions.  
Refer to the Group Index (table of contents) for respective section name.
2. FIG. No.      The FIG. number indexes the reference and part numbers to the illustration. Figure numbers that vary only in the tens place (i.e.: 700 and 710) are in a group of the same section (i.e.: Electrical Device Group).
3. REF. No.      The Reference number identifies the part illustration with the corresponding part number in the part list.
4. SUBASSEMBLY      SUBASSEMBLY parts of part assembly are listed below the assembly part. The subassembly part reference number is indicated by the number led by "-" such as "-1", "-2".
5. PART NUMBER      It is the number assigned for sales unit. Use the PART No. when making an order.
6. DESCRIPTION      It is designation of the part.
7. QTY.      Quantity of each part used for each product.
8. REMARKS      This gives a distinctive feature and/or a supplementary comment for the type, the specification, and the part concerned. It also shows part number(s) interchangeable for the part.
9. FROM-TO      This section shows the CODE No. to indicate the history of progress in which improved parts have been introduced in the product. The FROM-TO CODE No. helps to identify PART No. being employed in the product concerned. See the examples below:
  - The part is used in the product irrespective of CODE No.
  - 2101-      The part is used in the products with CODE No. of 2101 and after this number.
  - 2100      The part is used in the products with CODE No. of 2100 and before this number.

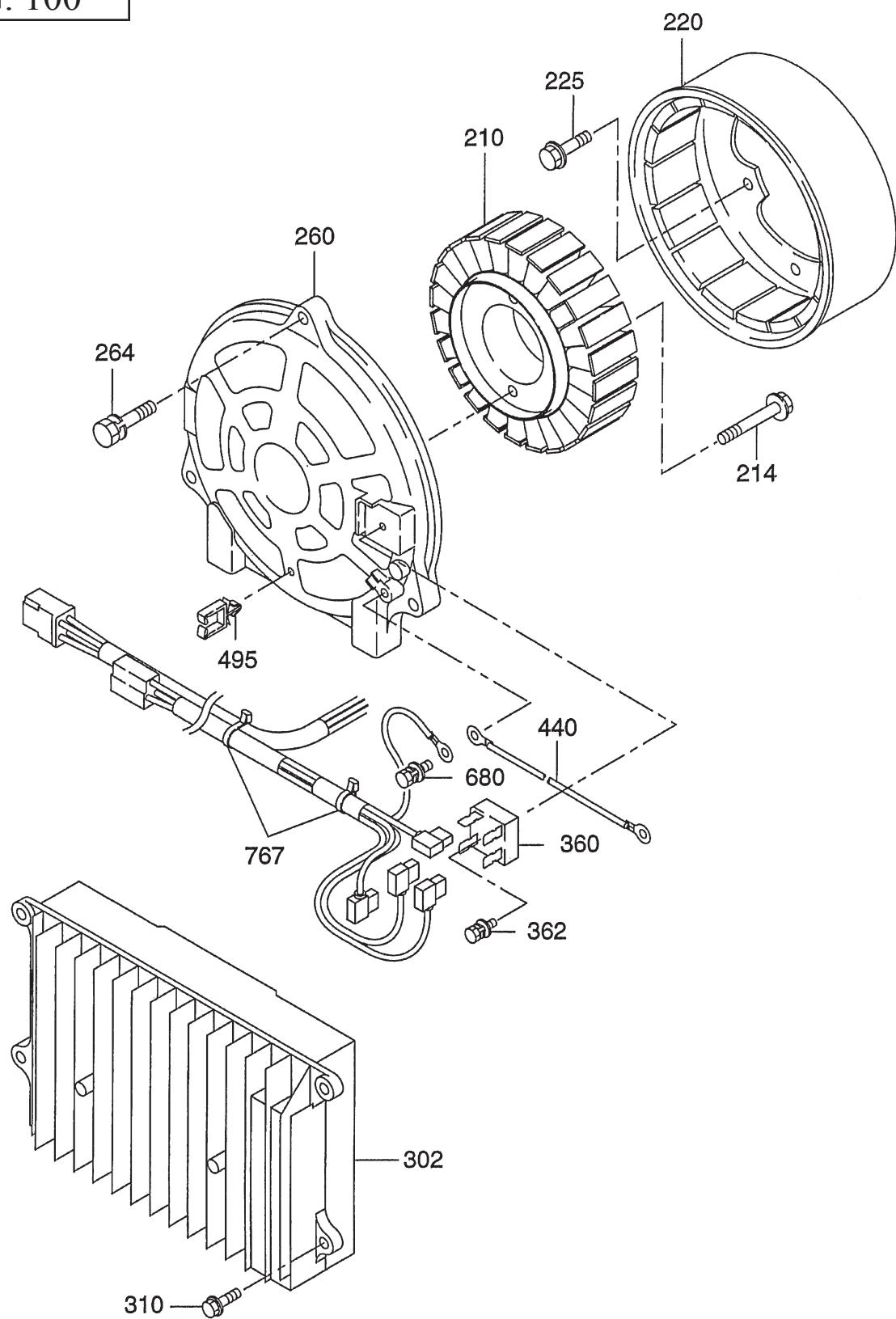
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INDEX OF DESCRIPTION SYMBOLS	
<b>SYMBOL</b>	<b>DESCRIPTION</b>
AY .....	ASSEMBLY
CP.....	COMPLETE
EX.....	EXPORT (from Japan)
FIG.....	FIGURE
FR.....	FRONT
" .....	INCH
INCL .....	INCLUDE
~L.....	LITER
L= .....	LENGTH (in. mm)
L.H. (LH).....	LEFT-HAND SIDE
MECH.....	MECHANICAL
NO (NON).....	NONE
OPT.....	OPTIONAL
O.S. ....	OVER SIZE
<b>SYMBOL</b>	<b>DESCRIPTION</b>
P= .....	PITCH (in mm)
P.T.O. (PTO) .....	POWER TAKE OFF
REF.....	REFERENCE
R.H. (RH).....	RIGHT HAND SIDE
RR.....	REAR
STD.....	STANDARD
SW.....	SWITCH
T= .....	THICKNESS (in mm)
UN .....	UNIT
U.S. ....	UNDER SIZE
~V .....	VOLTAGE
~W .....	WATT
W/ .....	WITH
W/O .....	WITHOUT

## SECTION 1     GENERATOR GROUP

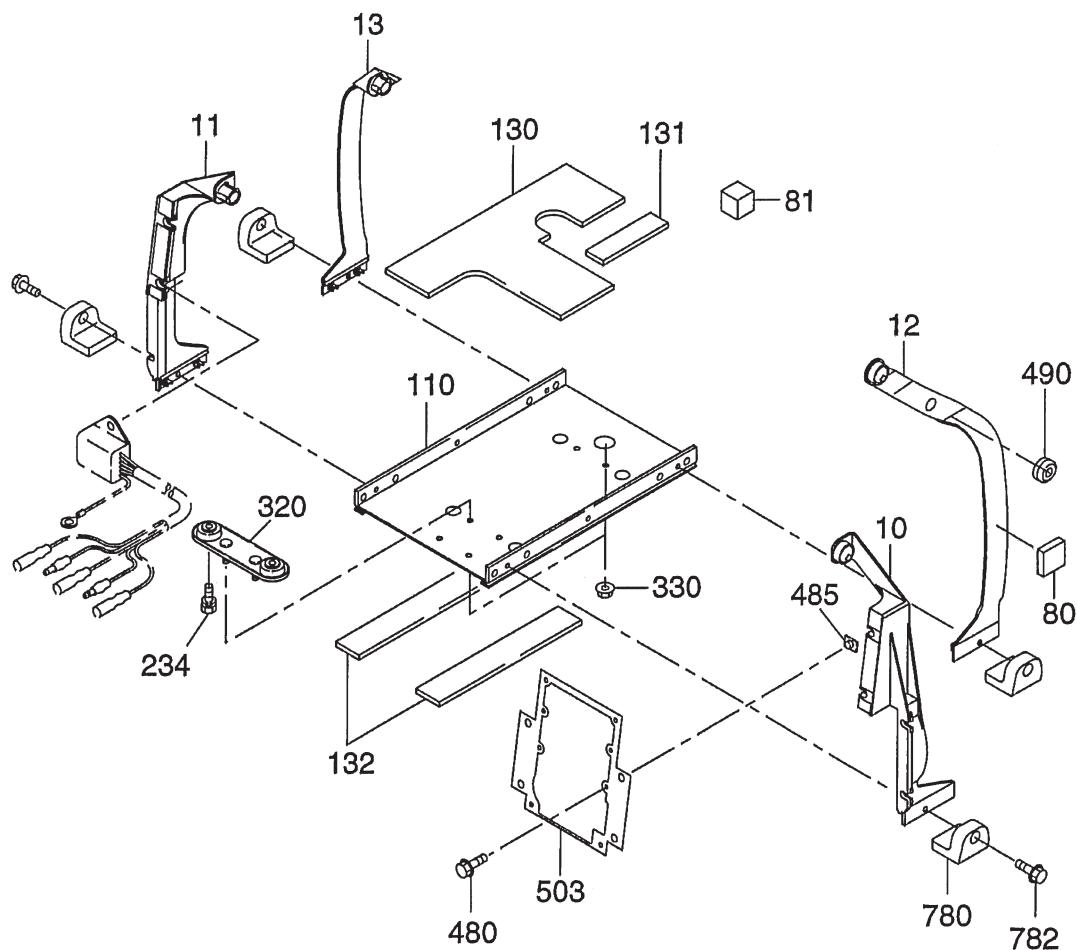
FIG. 100



## **SECTION 1      GENERATOR GROUP**

## SECTION 2 FRAME GROUP

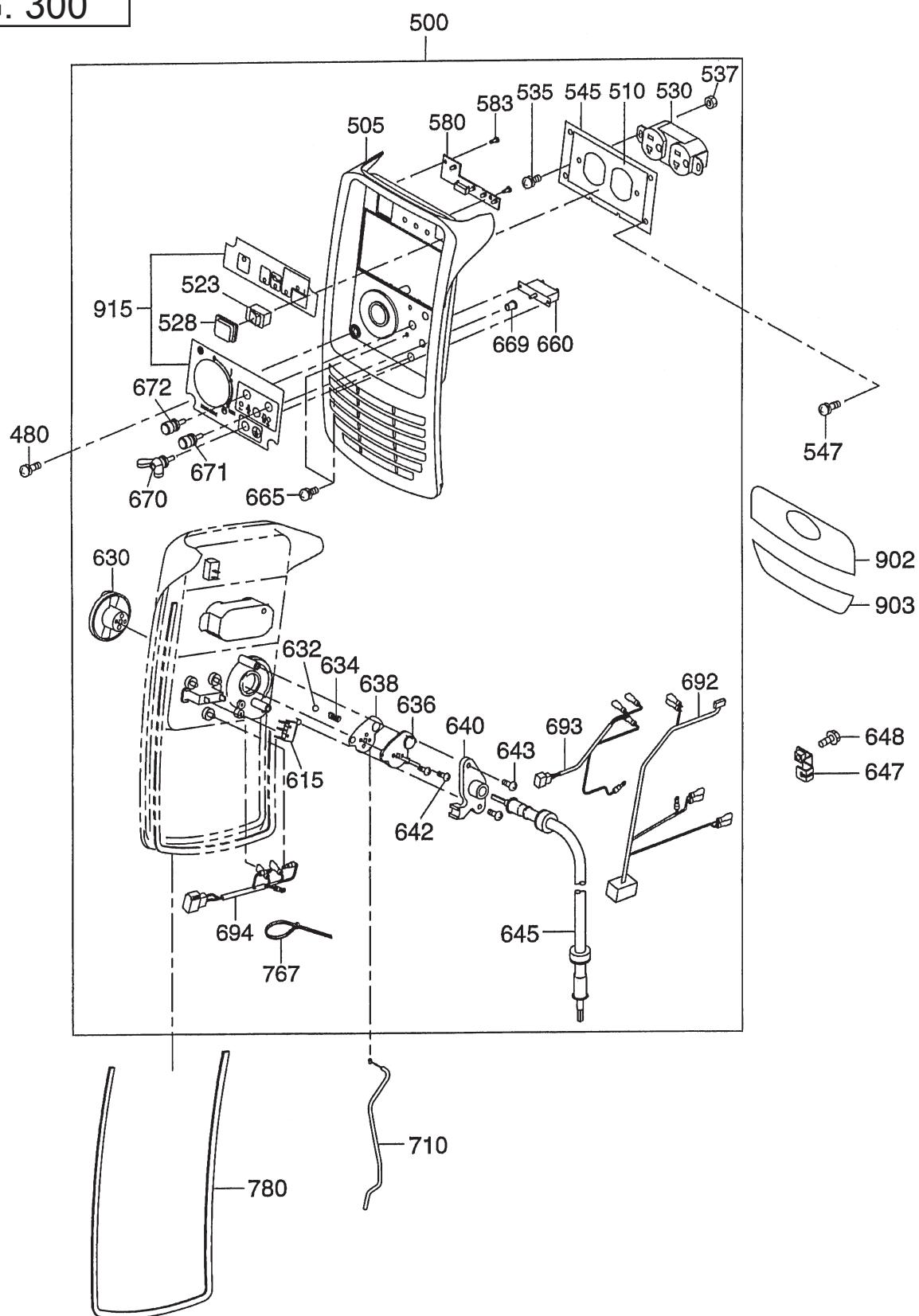
FIG. 200



## **SECTION 2            FRAME GROUP**

## SECTION 3 CONTROL GROUP

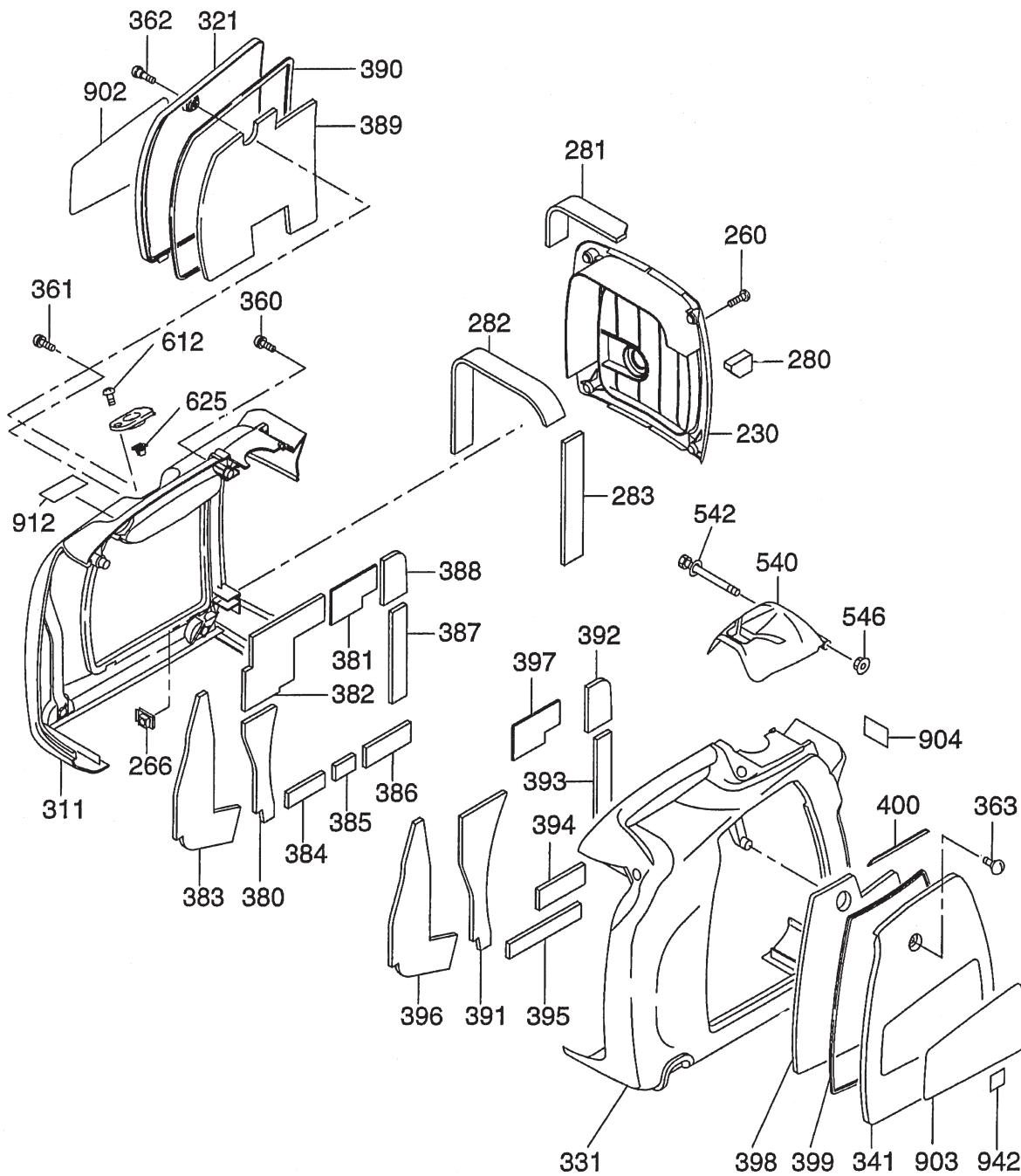
FIG. 300



## **SECTION 3      CONTROL GROUP**

## SECTION 4 COVER GROUP

FIG. 400

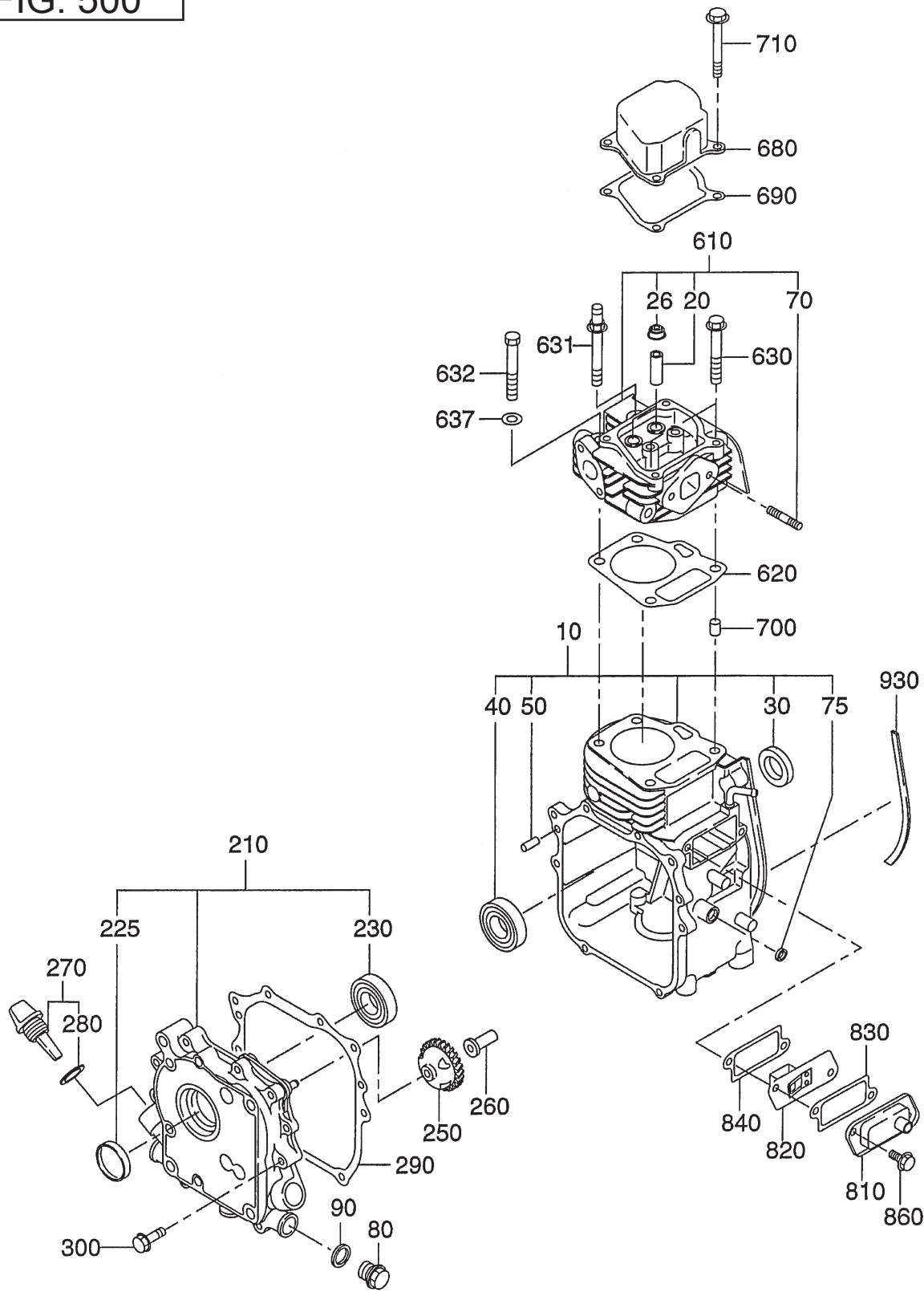


## SECTION 4      COVER GROUP

REF	PART NO	DESCRIPTION	QTY	REMARKS	FROM - TO	FIG
230	33K-50201-03	REAR COVER	1			400
260	013-10600-30	SCREW and WASHER	4			400
266	33K-50205-01	NUT	4			400
280	33K-58318-13	REAR COVER SPONGE 1	2			400
281	33K-58319-13	REAR COVER SPONGE 2	1			400
282	33K-88322-03	REAR COVER SPONGE 3	1			400
283	33K-58324-03	REAR COVER SPONGE 4	1			400
311	33K-50301-13	CASE BODY, L	1			400
321	33K-50311-03	SIDE PANEL, L	1			400
331	33K-50401-13	CASE BODY, R	1			400
341	33K-50411-03	SIDE PANEL, R	1			400
360	004-36062-50	SCREW and WASHER	2			400
361	004-36062-00	SCREW and WASHER	1			400
362	33K-50501-03	BOLT, panel	1			400
363	33K-50501-03	BOLT, panel	1			400
380	33K-58301-03	SPONGE CASE, L	1			400
381	33K-58307-03	SPONGE CASE, L 5	1			400
382	33K-58305-03	SPONGE CASE, L 3	1			400
383	33K-58304-03	SPONGE CASE, L 2	1			400
384	33K-58308-03	SPONGE CASE, L 6	1			400
385	33K-58309-03	SPONGE CASE, L 7	1			400
386	33K-58408-03	SPONGE CASE, R 6	1			400
387	33K-58409-03	SPONGE CASE, R7	1			400
388	33K-58306-03	SPONGE CASE, L4	1			400
389	33K-58302-03	SPONGE PANEL, L	1			400
390	33K-58303-03	SEAL SPONGE, L	1			400
391	33K-58401-03	SPONGE CASE, R	1			400
392	33K-58406-03	SPONGE CASE, R 4	1			400
393	33K-58409-03	SPONGE CASE, R 7	1			400
394	33K-58408-03	SPONGE CASE, R 6	1			400
395	33K-58407-03	SPONGE CASE, R5	1			400
396	33K-58404-03	SPONGE CASE, R 2	1			400
397	33K-58405-03	SPONGE CASE, R 3	1			400
398	33K-58402-03	SPONGE PANEL, R	1			400
399	33K-58403-03	SEAL SPONGE, R	1			400
400	33K-58410-03	SEAL SPONGE, R 2	1			400
540	33K-55001-13	TANK CAP COVER	1			400
542	013-10400-91	SCREW and WASHER	1			400
546	018-00400-00	FLANGE NUT	1			400
612	015-00400-90	TAPPING SCREW	1			400
625	33K-53002-03	SCREW GROMMET	1			400
902	33K-91202-13	LABEL, Model (L)	1			400
903	33K-91201-13	LABEL, Model (R)	1			400
904	33K-91602-13	LABEL, Specification	1			400
912	33K-94002-03	LABEL, Caution	1			400
942	073-20045-20	LABEL, Oil caution	1			400

## SECTION 5 CRANKCASE GROUP

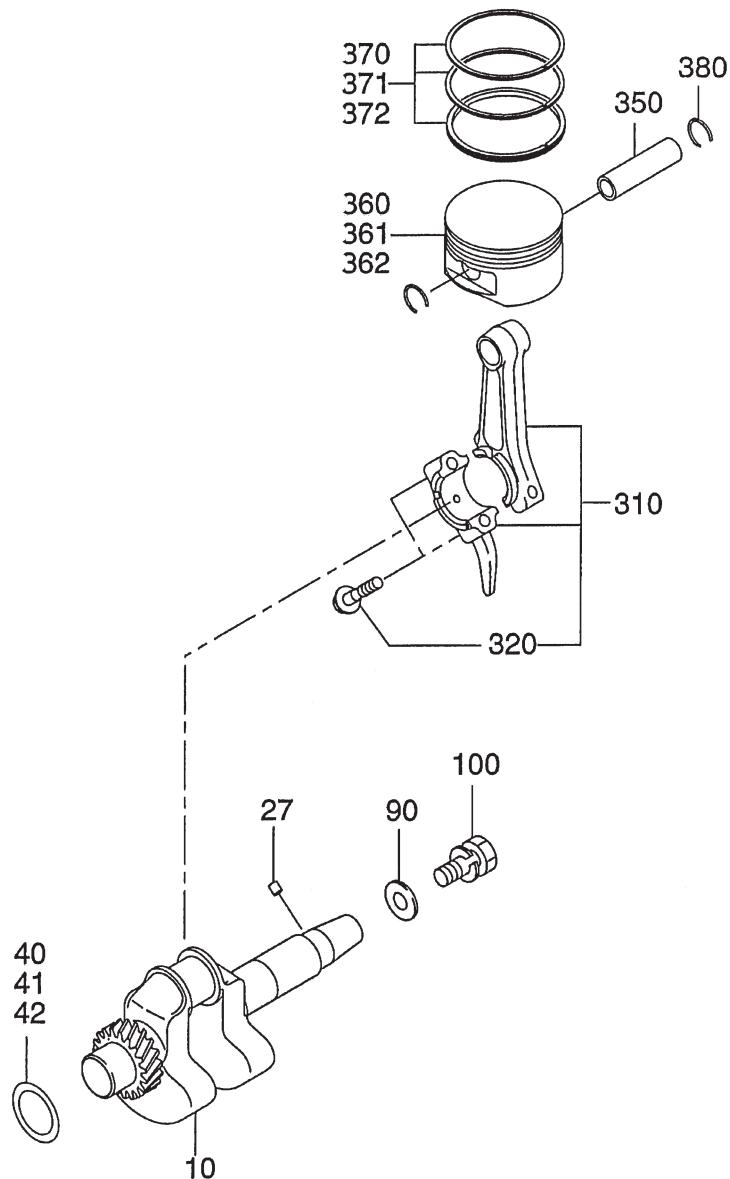
FIG. 500



## **SECTION 5 CRANKCASE GROUP**

## SECTION 6 CRANKSHAFT, PISTON GROUP

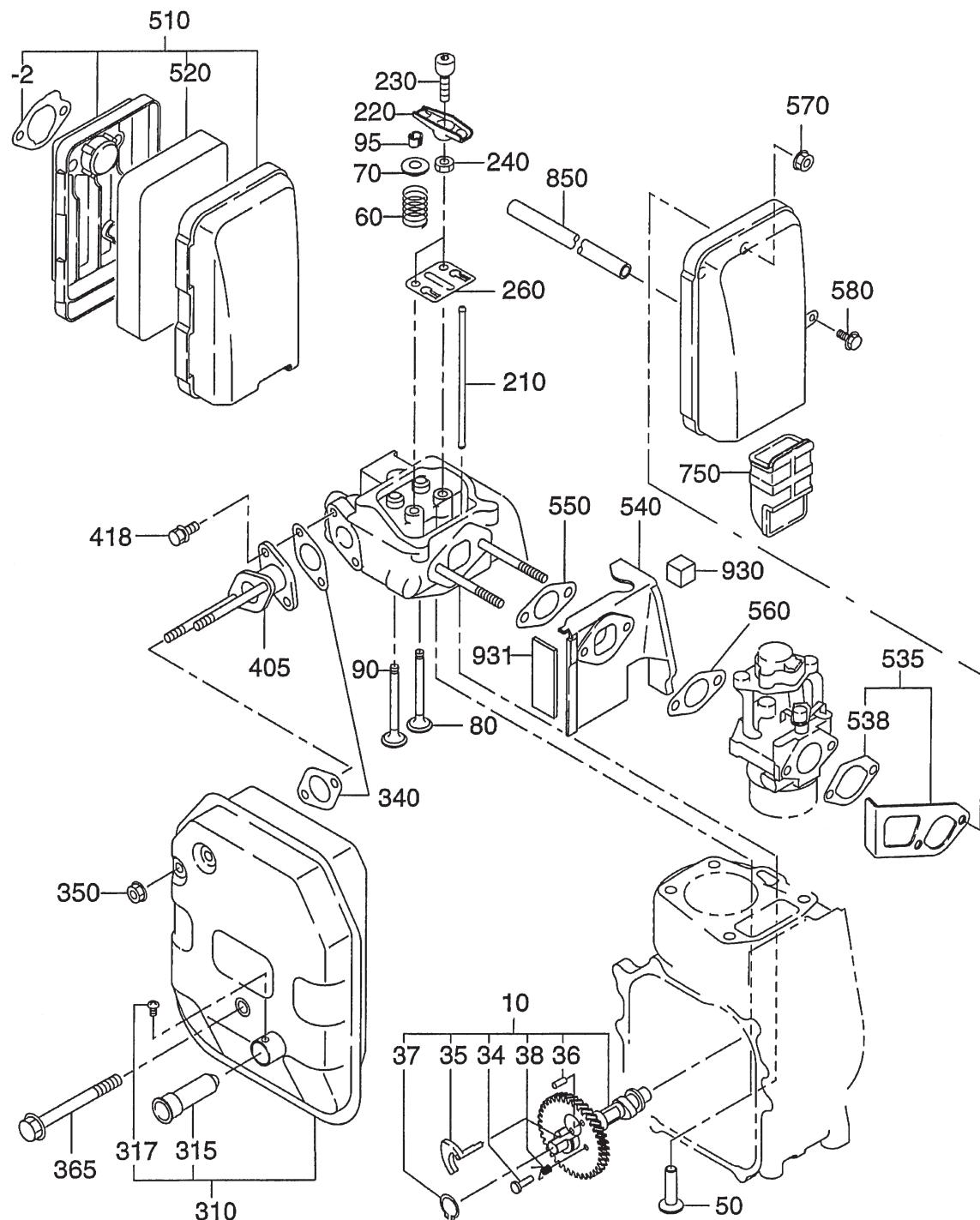
FIG. 600



## **SECTION 6 CRANKSHAFT, PISTON GROUP**

## SECTION 7      INTAKE and EXHAUST GROUP

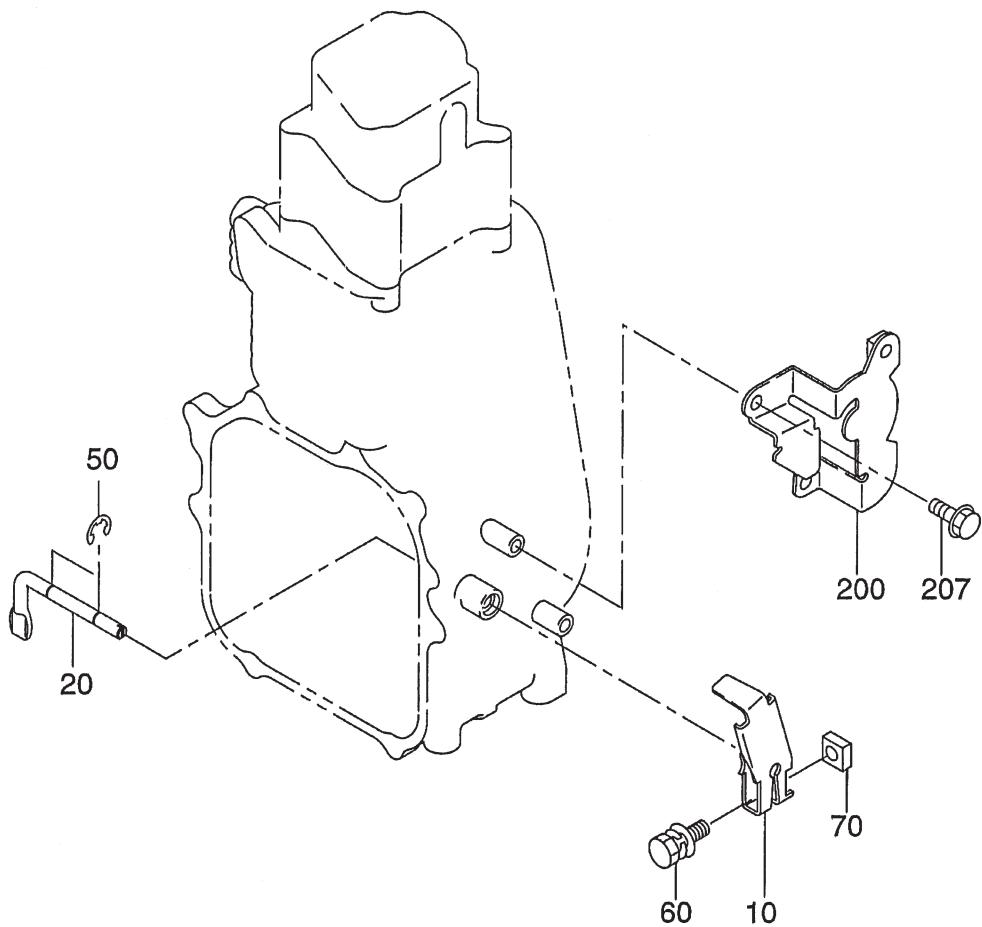
**FIG. 700**



## **SECTION 7      INTAKE and EXHAUST GROUP**

## SECTION 8 GOVERNOR GROUP

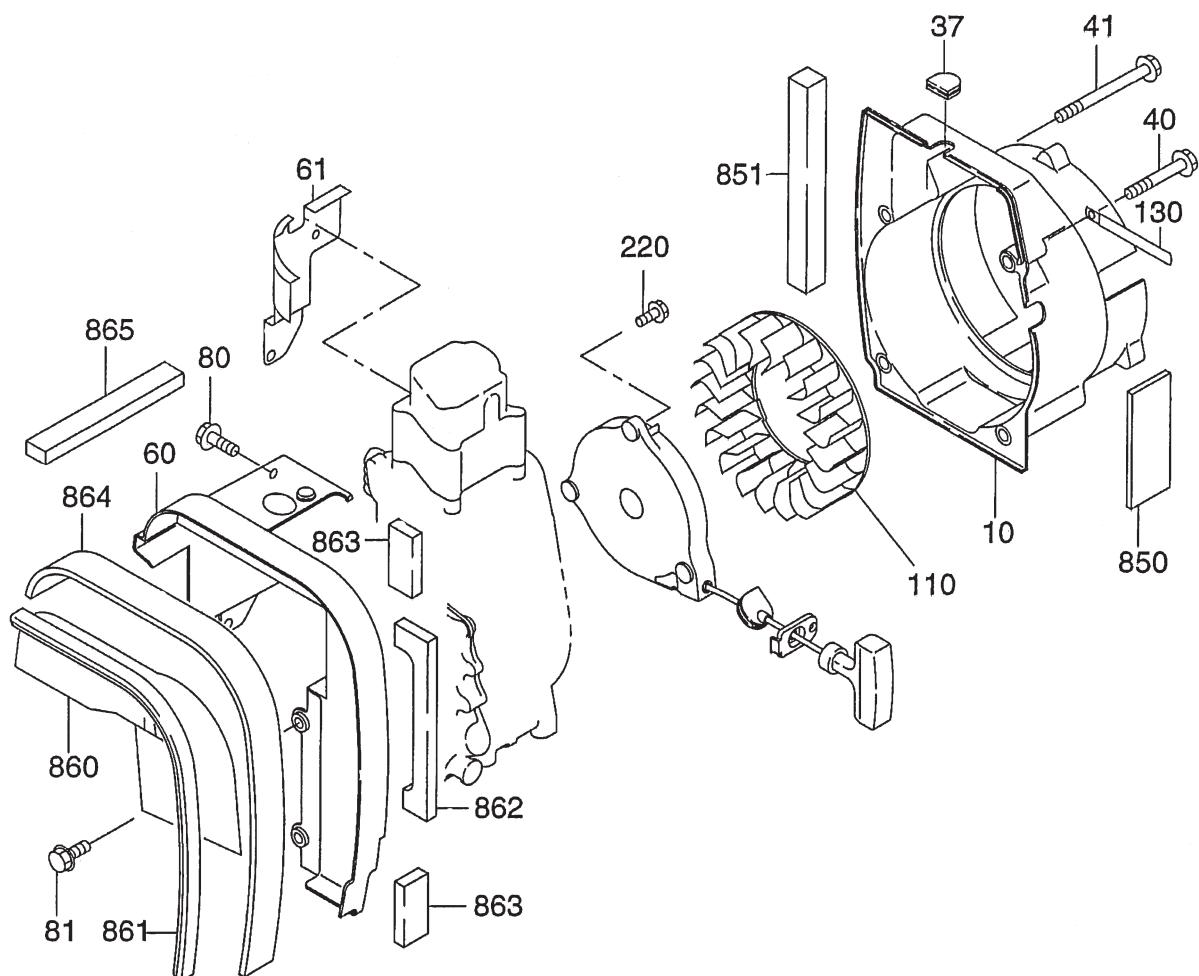
FIG. 800



## **SECTION 8 GOVERNOR GROUP**

## SECTION 9 COOLING and STARTING GROUP

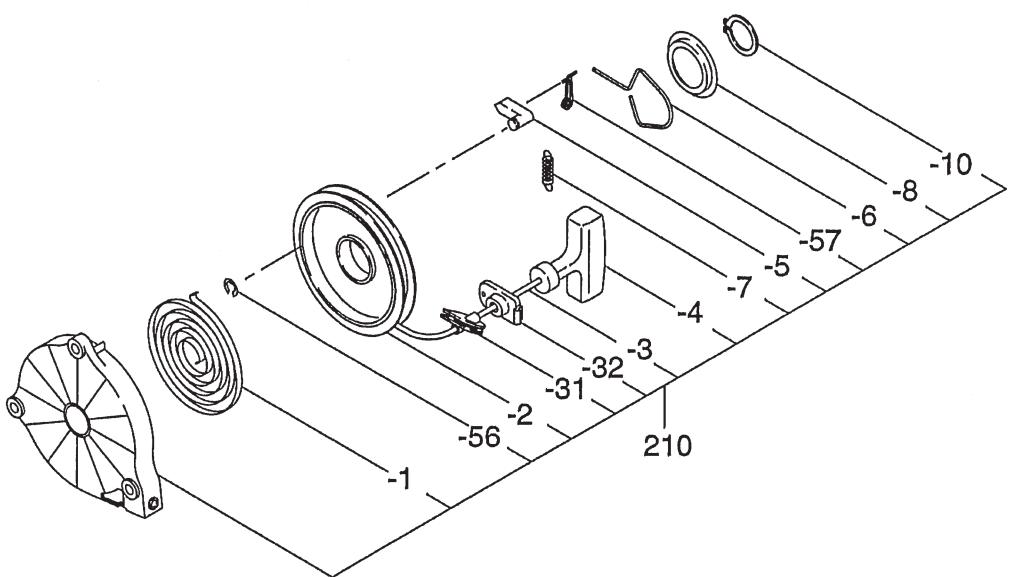
FIG. 900



## **SECTION 9 COOLING and STARTING GROUP**

## SECTION 9 COOLING and STARTING GROUP

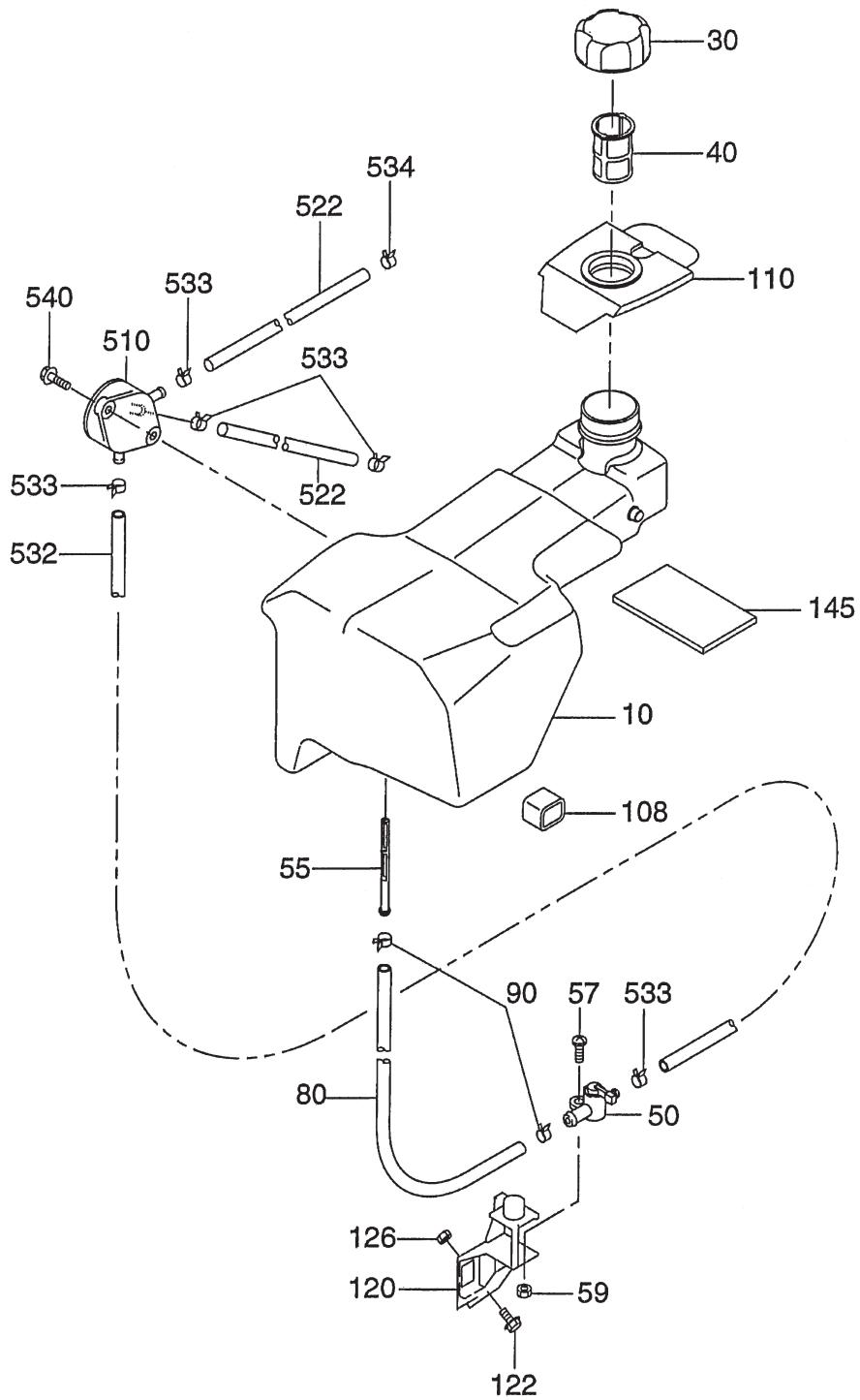
FIG. 910



## **SECTION 9 COOLING and STARTING GROUP**

## **SECTION 10 FUEL GROUP**

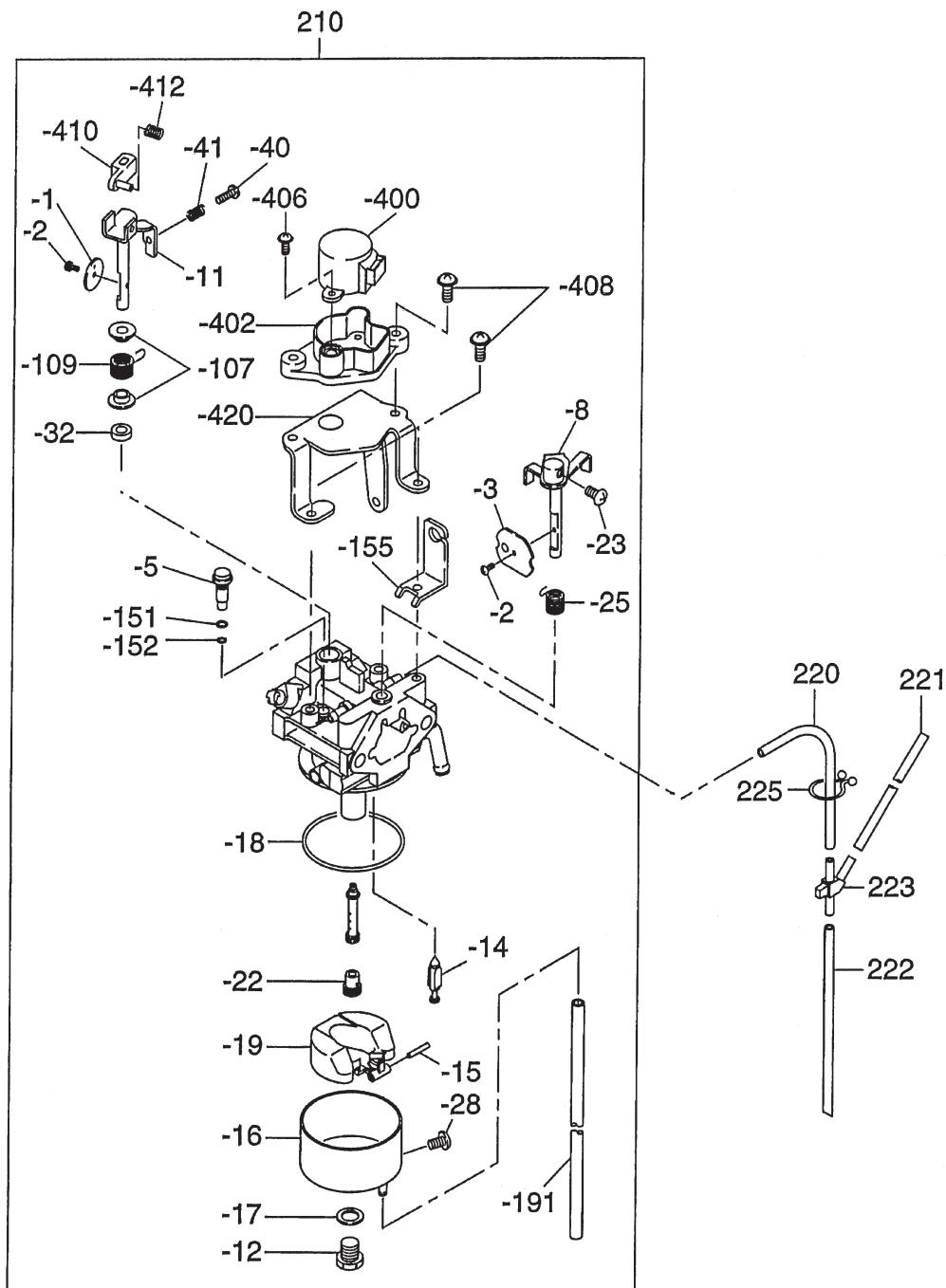
FIG. 1000



## **SECTION 10 FUEL GROUP**

## SECTION 11 CARBURETOR GROUP

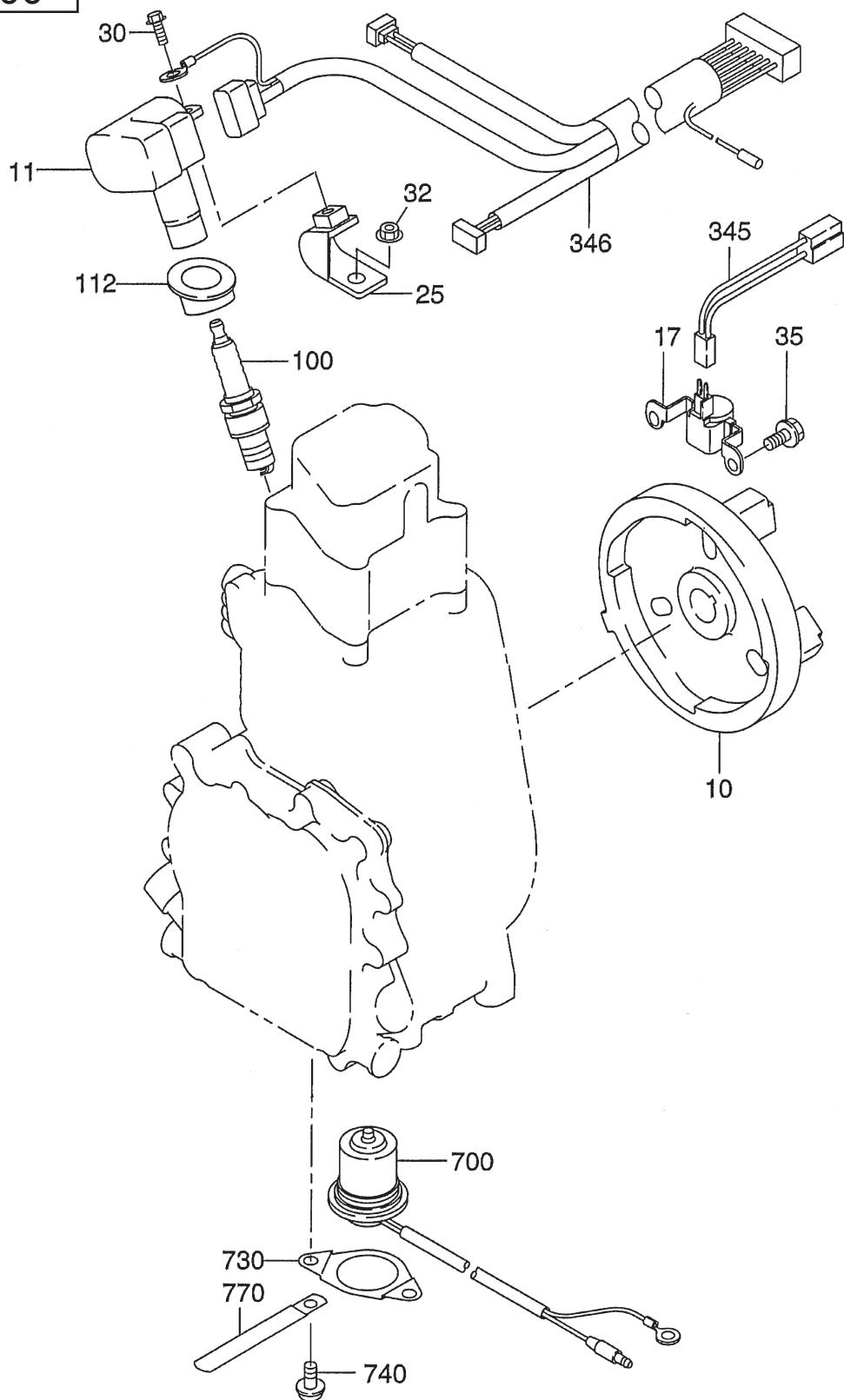
FIG. 1100



## **SECTION 11 CARBURETOR GROUP**

## SECTION 12 ELECTRICAL GROUP

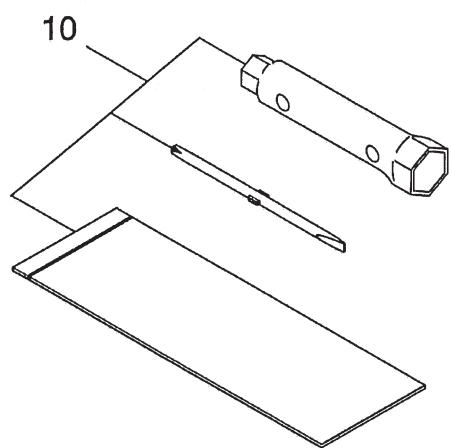
FIG. 1200



## **SECTION 12      ELECTRICAL GROUP**

## SECTION 13 ACCESSORIES GROUP

FIG. 1300



## **SECTION 13 ACCESSORIES GROUP**

**Cummins Onan**



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